

CLAIMS

1. A printer system for modifying printer output comprising:

a printer;

a program for said printer which has a portion thereof that is not compatible with said printer;

a managing program for modifying said program;

a character substitution table for substituting a portion of said program that is not compatible with said printer; and,

a processor in said printer for receiving said character substitution table and modifying said program.

2. The printer system as claimed in Claim 1 wherein:

said program constitutes a printing program for a different printer.

3. The printer system as claimed in Claim 2

1 wherein:

2
3 said printer incorporates different commands
4 from said different printer.
5

6 4. The printer system as claimed in Claim 3
7 further comprising:

8
9 a non-volatile memory in said printer into
10 which said character substitution table can be
11 stored.
12

13 5. The printer system as claimed in Claim 4
14 further comprising:

15
16 said non-volatile memory is part of said
17 processor in said printer.
18

19 6. The printer system as claimed in Claim 5
20 further comprising:

21
22 a printer controller; and,
23

24 said processor provides modified information
25 to said controller based upon the modification
26 by said character substitution table.
27

28 7. The printer system as claimed in Claim 1

1 wherein:

2
3 said non-compatible program is stored in a
4 host in communication with said printer.

5
6 8. A printer in combination with a host for
7 providing printing instructions to said printer
8 comprising:

9
10 a printer having a processor connected to said
11 host;

12
13 a program of said host that is at least
14 partially incompatible with said printer for
15 providing an output from said printer;

16
17 a system for providing compatible program
18 language to said printer based upon a
19 character substitution table for substituting
20 characters of said host to create
21 compatibility with said printer; and,

22
23 a file system in said printer for filing
24 substituted characters connected to said
25 processor for incorporation into said program
26 of said host.

27
28 9. The combination as claimed in Claim 8 wherein:

1 said printer is a line matrix printer.

2
3 10. The combination as claimed in Claim 8 wherein:

4
5 said printer is a thermal printer.

6
7 11. The combination as claimed in Claim 8 wherein:

8
9 said program of said host is for a differently
10 programmed printer from said printer.

11
12 12. The combination as claimed in Claim 8 wherein:

13
14 said file system is a non-volatile memory
15 within said printer.

16
17 13. The combination as claimed in Claim 12
18 wherein:

19
20 said non-volatile memory is a portion of said
21 printer processor.

22
23 14. A system in combination with a printer for
24 modifying a non-compatible program for use by said
25 printer comprising:

26
27 a printer having a processor and a flash file;
28

1 a program which is in part non-compatible with
2 said printer;

3
4 a managing program for creating a character
5 substitution table for substituting characters
6 of said non-compatible program; and,

7
8 a program in said printer for adapting the
9 non-compatible program to said printer by
10 inserting the character from said character
11 substitution table in said non-compatible
12 program.

13
14 15. The combination as claimed in Claim 14
15 wherein:

16
17 said printer is a thermal printer.

18
19 16. The combination as claimed in Claim 14
20 wherein:

21
22 said printer is a line matrix printer.

23
24 17. The combination as claimed in Claim 14 further
25 comprising:

26
27 said processor includes a non-volatile memory
28 for said flash file.

1 18. The combination as claimed in Claim 14 further
2 comprising:

3
4 a host computer connected to said printer
5 having said non-compatible program.
6

7 19. A method of printing with a non-compatible
8 printer program comprising:

9
10 providing a printer;

11
12 providing a program which is not compatible
13 with said printer;

14
15 creating a character substitution table to
16 substitute characters from said non-compatible
17 program with characters compatible with said
18 printer;

19
20 storing said character substitution table in
21 said printer; and,

22
23 processing the stored characters of said
24 character substitution table to adapt them to
25 said printer with said non-compatible program.
26

27 20. The method as claimed in Claim 19 further
28 comprising:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

printing said non-compatible program with the
substituted characters in a thermal printer.

21. The method as claimed in Claim 19 further
comprising:

printing said non-compatible program with the
substituted characters in a line matrix
printer.

22. The method as claimed in Claim 20 further
comprising:

storing said character substitution table in a
non-volatile memory portion of the printer's
processor.

23. The method as claimed in Claim 19 further
comprising:

providing said non-compatible program in a
host computer which was programmed for use
with a different printer from said printer.